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#### Complete if Known Application Number 09/833,107 Filing Date 04/10/01 INFORMATION DISCLOSURE First Named Inventor Edwin Dair, et al. STATEMENT BY APPLICANT Group Art Unit 2874 Examiner Name (Use as many sheets as necessary.) Unassigned Sheet of **Attorney Docket Number** 003918.P002XX3

#### **U.S. PATENT DOCUMENTS**

Exam.	Document				Sub-	Filing Date
Initials	Number	Date	Name	Class	class	(if appropriate)
58	3,792,284	2/12/74	Kaelin	1	17	#
38	3,809,908	5/7/74	Clanton			H C
10	3,870,396		Racki, et al.			HAY :
13	3,976,877	8/24/76	Thilays			ار اح
13	4,161,650	7/17/79	Caouette, et al.			CEN 21
13	4,229,067	10/21/80	Love			<b>Z</b> 23 (1
13	4,273,413	6/16/81	Bendikens, et al.			NIER 2
18	4,347,655	9/7/82	Zory, et al.			
7B	4,419,072	4/10/79	Smith, et al.			. 80
Za	4,432,604	2/21/84	Schwab		¥ ·	. 6
13	4,446,515	5/1/84	Sauer, et al.			
13	4,449,244	5/15/84	Kopainsky			
13	4,461,537	7/24/84	Raymer, II, et al.			
名	4,493,113	1/8/85	Forrest, et al.			
73	4,533,209	8/6/85	Segerson, et al.			
*	4,534,616	8/13/85	Bowen, et al.			
13	4,535,233	8/13/85	Abraham			
12	4,539,476	9/3/85	Donuma, et al.			
万	4,542,076	9/17/85	Bednarz, et al.			
君	4,549,782	10/29/85	Miller			

#### FOREIGN PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Country	Class	Sub- class	Transl Yes	ation No
为	0 652 696 A1	11/2/94	EPO				
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09/833,107

Unassigned

Edwin Dair, et al.

003918.P002XX3

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#### **U.S. PATENT DOCUMENTS**

Attorney Docket Number

Exam.	Document				Sub-	Filing Date
Inițials	Number	Date	Name Name	Class	class	(if appropriate)
多	4,549,783	10/29/85				_
ねー	4,553,811	11/19/85	Becker, deceased, et al.			-
3	4,580,295	4/1/86	Richman			
13	4,595,839	6/17/86	Braun, et al.			
18	4,612,670	9/16/86	Henderson			
1	4,625,333	11/25/86	Takezawa, et al.			
18	4,647,148	3/3/87	Katagiri			
13	4,678,264	7/7/87	Bowen, et al.			
te	4,720,630	1/19/88	Takeuchi, et al.			
加	4,727,248	2/23/88	Meur, et al.			
爱	4,807,955	2/28/89	Ashman, et al.			
18	4,840,451	6/20/89	Sampson, et al.			
13	4,844,581	7/4/89	Turner			
<b>B</b>	4,881,789	11/21/89	Levinson		ENT	(O)
<i>7</i> 2	4,897,711	1/30/90	Blonder, et al.	RE	CVA.	1
Æ .	4,913,511	4/3/90	Tabaiba, et al.	MEY	79	1
<b>3</b>	4,945,229	7/31/90	Daly, et al.		1 . 10	<i>bas</i>
A3	4,979,787	12/25/90	Lichtenberger		MILT	•
<b>7</b> 8	4,986,625	1/22/91	Yamada, et al.			200
78	4,989,934	2/5/91	Zavracky, et al.		1	EB SAGA
		FOREIC	ON PATENT DOCUMENTS	TE	CH CEM.	ER 2880

FOREIGN PATENT DOCUMENTS

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				Application Number	09/833,107
1	NFORMATI	ION DISC	CLOSURE	Filing Date	04/10/01
5	STATEMEN	T BY AP	PLICANT	First Named Inventor	Edwin Dair, et al.
				Group Art Unit	2874
	(Use as many	sheets as n	ecessary.)	Examiner Name	Unassigned
Sheet	3	of	7	Attorney Docket Number	003918.P002XX3

#### **U.S. PATENT DOCUMENTS**

Exam.	Document				Sub-	Filing Date
Initials	Number	Date	Name	Class	class	(if appropriate)
B	5,005,939	4/9/91	Arvanitakis, et al.	L_L		
B	5,011,246	4/30/91	Corradetti, et al.			
<b>多</b>	5,039,194	8/13/91	Block, et al.			
to	5,043,775	8/27/91	Lee			
33	5,093,879	3/3/92	Bregman, et al.			
10	5,099,307	3/24/92	Go, et al.			
12	5,104,243	4/14/92	Harding			
A	5,109,453	4/28/92	Edwards, et al.			
766	5,117,476	5/26/92	Yingst, et al.		$\neg \neg \neg$	MED :
18	5,122,893	6/16/92	Tolbert	1 1 -	PAF	MEDI
AB .	5,136,152	8/4/92	Lee	15	$\neg$	
13	5,155,786	10/13/92	Ecker, et al.			. 2007
13	5,159,190	10/27/92		-177	$T:\mathbb{R}^{n}$	4 2002
為	5,168,537	12/1/92	Rajasekharan, et al.			
13	5,202,943	4/13/93	Carden, et al.			TER 28LD
<i>h</i>	5,241,614	8/31/93	Ecker, et al.	ŀ	र । ः अ	m) 10 am 1
As	5,259,054	11/2/93	Benzoni, et al.		1	
13	5,280,191	1/18/94	Chang			
B	5,285,512	2/8/94	Duncan, et al.			
B	5,289,345	2/22/94	Corradetti, et al.			

#### FOREIGN PATENT DOCUMENTS

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				Application Number	09/833,107		
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				Group Art Unit	2874		
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Sheet	4	of	7	Attorney Docket Number	003918.P002XX3		

#### U.S. PATENT DOCUMENTS

		0.5	PATENT DOCUMENTS			
Exam.	Document		1	j	Sub-	Filing Date
Initials	Number	Date	Name	Class	class	(if appropriate)
13	5,295,214	3/15/94	Card, et al.	7	1	
15	5,337,396	8/9/94	Chen, et al.			
13	5,337,398	8/9/94	Benzoni, et al.			
13	5,345,524	9/6/94	Lebby, et al.			
1/3	5,361,244	11/1/94	Nakamura, et al.			
10	5,414,787	5/9/95	Kurata			
1/2	5,416,668	5/16/95	Benzoni			
13	5,416,870	5/16/95	Chun, et al.			
15	5,416,871	5/16/95	Takahashi, et al.			
K	5,416,872	5/16/95				
As	5,428,704	6/27/95	Lebby, et al.			
1/3	5,434,747	7/18/95	Shibata			IVED
10	5,446,814	8/29/95	Kuo, et al.	170	三几日	IACO
12	5,452,387	9/19/95	Chun, et al.	T		
嘉	5,455,703	10/3/95	Duncan, et al.			4 2002
13	5,462,630	7/11/95	Lebby, et al.		AM	4 1000
1	5,473,715	12/5/95	Schofield, et al.			
to the	5,475,783	12/12/95	Kurashima		1.0	NITER 2800
13	5,482,658	1/9/96	Lebby, et al.		TECH C	NTER 2800
13	5,499,311	3/12/96				

#### **FOREIGN PATENT DOCUMENTS**

Exam.	Document				Sub-	Translation	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/833,107

Filing Date 04/10/01

First Named Inventor Edwin Dair, et al.

Group Art Unit 2874

Examiner Name Unassigned

Attorney Docket Number 003918.P002XX3

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Sheet 5 of 7

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**U.S. PATENT DOCUMENTS** 

Exam.	Document				Sub-	Filing Date
Inițials	Number	Date	Name	Class	class	(if appropriate)
格	5,499,312	3/12/96	Hahn, et al.		1	
君	5,515,468	5/7/96	DeAndrea, et al.			
76	5,528,408	6/18/96	McGinley, et al.			
10	5,535,296	7/9/96	Uchida			
存	5,537,391	8/9/94	Lebby			
<i>A</i>	5,546,281	8/13/96	Poplawski, et al.			
13	5,548,677	8/20/96	Kakii, et al.			
13	5,550,941	8/27/96	Lebby, et al.			
塞	5,561,727	10/1/96	Akita, et al.			
<b>* * * * * * * * * *</b>	5,596,663	1/21/97	Ishibashi, et al.			
A	5,636,298	6/3/97	Jiang, et al.			WED
8	5,687,267	11/11/97	Uchida		$\mathcal{A}^{C}$	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10	5,708,743	1/13/98	DeAndrea, et al.	Y	,	-0
98	5,717,533					24 7002
A	5,734,558	3/31/98	Poplawski, et al.		MAT	<i>C</i> '
B	5,736,782	4/7/98	Schairer			20080
B	5,751,471	5/12/98	Chen, et al.			CENTERED
B	5,767,999	6/16/98	Kayner		TECH	CENTER 2800
#	5,774,614	6/30/98	Gilliland,et al.			
'Su	5,778,127	7/7/98	Gilliland, et al.		$\neg$	

#### FOREIGN PATENT DOCUMENTS

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/833,107

Filing Date 04/10/01

First Named Inventor Edwin Dair, et al.

Group Art Unit 2874

Examiner Name Unassigned

Attorney Docket Number 003918,P002XX3

Sheet 6 of 7

U.S. PATENT DOCUMENTS

		U.S.	PATENT DOCUMENTS			
Exam.	Document				Sub-	Filing Date
Initials	Number	Date	Name	Class	class	(if appropriate)
757	5,812,582	9/22/98	Gilliland, et al.	,	1	
13	5,812,717	9/22/98	Gilliland, et al.			
13	5,815,623	9/29/98	Gilliland, et al.			
1	5,864,468	1/26/99	Poplawski, et al.			
13	5,879,173	3/9/99	Poplawski, et al.			
13	6,061,493	5/9/00				
133	6,071,017	6/6/00	Gilliland, et al.			
13	Re 63,820	8/15/00	McGinley, et al.			
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#### **FOREIGN PATENT DOCUMENTS**

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ute for Form 1449A/PTO Complete if Known Application Number 09/833,107 Filing Date 04/10/01 INFORMATION DISCLOSURE First Named Inventor Edwin Dair, et al. STATEMENT BY APPLICANT Group Art Unit 2874 (Use as many sheets as necessary.) Examiner Name Unassigned Attorney Docket Number 003918.P002XX3 Sheet of

OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

	T =:-	OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)
Exam.	Cite	Document Identification
Initials	No.1	
15		BUCZYNSKI, et al., Fast Optical Thresholding with an Array of Optoelectronic Transceiver Elements, IEEE Photonics Technology Letters, Vol. 11, No. 3, March 1999
13		HEINRICH, et al., Low-Cost VCSEL-Transceiver Module for Optical Data Busses, IEEE, 1997
B		ROSINSKIE, et al., Multichannel Transmission of a Mulitcore Fiber Coupled with Vertical-Cavity Surface-Emitting Lasers, Journal of Lightwave Tech, Vol. 17, No. 5, May 1999
为		CROW, et al., The Jitney Parallel Optical Interconnect, 1996 Electronic Components and Technology Conference
B		R.T. CHEN and P.S. GULFOYLE (Eds.) Optoelectronic Interconnects and Packaging, Critical Reviews, Vol. CR62 (1996), Pgs. 48-63, 64-67, 229-243, 393-404, 405-414, 442-460, Spic Optical Engineering Press, Washington
B		R.G. HUNSPERGER, Integrated Optics: Theory and Technology (2nd Ed.), 1985, Pgs. 89-106, 236-245, Springer-Verlag Berlin Heidelberg, Germany
B		A. CHATAK and K. THYAGARAJAN, Introduction to Fiber Optics, 1998, Pgs. 411-413, 447-449, 467-473, Cambridge University Press, United Kingdom
8		R.C. DORF, Electrical Engineering Handbook, 1993, Pgs. 1682-1684, CRC Press, Inc., Florida
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number.

### **Electronic Information Disclosure Statement**

**US Document Identifiers Search Page** 

Date eIDS Filed	Search String for Application Number = 09833107
2004/06/02	(6024500 or 6213651 or 6369924 or 6457875).pn.
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Earliest eIDS filed on this Date: 2004/05/13

Later eIDS were filed on these Dates:

<u>20</u>

**New Search** 

Application Number SEARCH

A.Belle

10/28/04

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Electronic version v.10 Stylesheet Version v18.0

> Title of Invention

Methods and Apparatuses for Multiboard Fiber Optic Modules and Fiber Optic Module Arrays

Application Number:

09/833107

Confirmation Number:

6467

First Named Applicant:

Edwin Dair

Attorney Docket Number: 3918P002XX3

Art Unit:

2633

Examiner:

Agustin Bello

Search string:

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<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

injt	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
多	1	4856091	1989-08-08	Taska			
2	2	4912521	1990-03-27	Almquist, et al.	]		
13	3	5109454	1990-03-28	Okuno			
多	4	6369924	2002-04-09	Scharf, et al.			

#### Signature

**Examiner Name** Date 1928/of

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